

CLAIMS

I Claim:

1. A project workflow system comprising a project management component and a workflow component wherein the project management component manages the tasks of a project and determines the task-to-task connections and the workflow component processes project routes and route segments whereby each task is related to a route segment that implements the task process and a project route is created by connecting the route segments related to the tasks in accordance with the task-to-task connections.
2. The project workflow system of claim 1, wherein the workflow component notifies the project management component at the completion of a route segment.
3. The project workflow system of claim 1, wherein the workflow component notifies the project management component of progress of a route segment.
4. The project workflow system of claim 1, wherein the project management component receives a request for the task-to-task connections and responds with a reply containing the task-to-task connections.
5. The project workflow system of claim 1, wherein the workflow component creates a project workflow route by connecting the route segments related to tasks in accordance with the task-to-task connections.
6. The project workflow system of claim 1, wherein the project management component receives notification of the completion of a route segment from the workflow component; determines from the task-to-task connections the next task; determines the route segment related to the next task; and notifies the workflow component to initiate the route segment related to the next task.
7. The project workflow system of claim 1 connected to an e-mail server and a network, wherein a step in a route segment notifies the project management component by sending an e-mail to the e-mail address of the project management component.

8. The project workflow system of claim 1 connected to an e-mail server and a network, wherein the project management component initiates a route segment by sending an e-mail to the e-mail address of the workflow component.
9. The project workflow system of claim 1, wherein changing a task changes the related route segment and the project route.
10. The project workflow system of claim 1, wherein a change to the task-to-task connections changes the connection of the route segments related to the tasks to reflect the change of the task-to-task connections.
11. A project workflow route which is constructed by dividing the project into tasks; determining a connection relationship among the tasks; relate to each task a route segment that implements the task process; and connecting the route segments in the same relationship as the connection of the related tasks.
12. The project workflow route of claim 11 connected to a project management system, wherein the completion of a route segment signifies the completion of the related task in the project management system.
13. The project workflow route of claim 11, wherein at the completion of a route segment related to a task, the next task is determined from the connection of tasks and the route segment related to the next task is initiated. .
14. The project workflow route of claim 11, wherein a change to the task-to-task connections changes the connection of the route segments related to the tasks to reflect the change of the task-to-task connections.
15. The project workflow route of claim 11, wherein changing a task changes the related route segment and the project route.
16. A project management workflow system wherein a project is divided into tasks, the task-to-task connections determined, each task is related to a workflow route segment that implements the task process, wherein the route segment related to a task is executed in accordance to the task-to-task connections of the task.
17. The project management workflow system of claim 16, wherein at the completion of a route segment related to a task, the next task is determined from the task-to-task connections and the route segment related to the next task is initiated.

18. The project management workflow system of claim 16, wherein a change to the task-to-task connections changes the connection of the route segments related to the tasks to reflect the change of the task-to-task connections.
19. The project management workflow system of claim 16, wherein changing a task changes the related route segment and the project route.
20. The project management workflow system of claim 16 connected to a project management system, wherein the completion of a route segment signifies the completion of the related task in the project management system

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